



Caltrans

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DIST	COUNTY	ROUTE	KILOMETER TOTAL PROJECT	POST PROJECT	SHEET NO	TOTAL SHEETS
04	SF, Alameda	80	12.2/14.3	0.0/4.0	407a	1204

Syn Yee Chin

03/08/10

REGISTERED ELECTRICAL ENGINEER

DATE

05-06-2010

PLANS APPROVAL DATE

PB AMERICAS, Inc.

A Parsons Brinckerhoff Company

303 Second St., Suite 700N

San Francisco, CA 94107-1317

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REGISTERED PROFESSIONAL ENGINEER

SYN YEE CHIN

No. 18186

Exp. 09/30/2011

ELECTRICAL

STATE OF CALIFORNIA

NOTES:

1. This plan sheet is a record drawing from Skyway Structures contract. The Contractor shall verify the existing installation. See sheet EE-273 from Skyway Structures, contract No. 04-012024.

2. The installed components shall not be limited to the ones listed below, but shall be a complete installation. For details, see Bridge Structures Girder Westbound, typical Details sheets.

- Furnish and install the 15kV cables into existing cable tray shown on this drawing. See sheets E-664 and E-665.
- Furnish and install the TOS fiber optic cables into existing cable tray and conduits shown on this drawing. Pull a 72 fiber in the main tray and terminate in the splice closure. See sheets E-978 through E-981.
- Inspect for system ground continuity. See sheets E-666 and E-667.
- Remote Terminal Unit #14W. See sheets E-931 through E-933.

3. All cable trays, conduits and equipment shown on this drawing are existing. Bold ones are to be used for pulling cable.

SHEET NOTES:

1. Furnish and install splice cable tray as shown on sheet E-663, plan detail 2.

2. Mount splice cable tray between diaphragms and secure properly. See sheet E-663, section detail 4.

3. Contractor shall locate the splice cable tray at Station 74+31 as shown on E-609

4. Furnish and install 12 fiber optic cables from Fiber Optic Splice Closure to Controller Cabinet. Route via pull box PB-2B. Coil 3m of cable inside Controller Cabinet for connections by others. The coiled end of the fiber optic cables shall be terminated with mated connectors. See sheets E-972 and E-973.

5. Pull and terminate 50 pair telephone cable in Telephone Terminal Box. See sheets E-960, E-962 and E-964.

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE

MARK	DATE	DESCRIPTIONS	REVISIONS
0	03/08/10	MEP INTEGRATION	SYN FW 110
			BY CH'D CCO#

CONTRACT CHANGE ORDER NO. _____

SHEET _____ OF _____

DETAILS

BRIDGE STRUCTURES GIRDER WESTBOUND

SKYWAY STRUCTURES - SERVICE PLATFORM #16W

SCALE AS NOTED

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS

0 20 40 60 80

DGN FILE =>04-0120f1_E-647.dgn

USERNAME =>iloric

CU 04251

EA 0120F1

E-647